

PTQ/SB/MAA (08-00)

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 4

Complete if Known

Application Number	10/020,596
Filing Date	December 7, 2001
First Named Inventor	BECKER
Group Art Unit	1648
Examiner Name	Hill, M.
Attorney Docket Number	GP123-02.UT

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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**Examiner
Signature**

Arjun Kr. Chakrabarti

Date
Cons

4/29/02

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **2** of **4**

Complete if Known

Application Number	10/020,596
Filing Date	December 7, 2001
First Named Inventor	BECKER
Group Art Unit	1648
Examiner Name	HIII, M.
Attorney Docket Number	GP123-02.UT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	2
AC		ASAYAMA et al., "Design of Comb-Type Polyamine Copolymers for a Novel pH-Sensitive DNA Carrier", Bioconjug Chem, 1997 Nov-Dec;8(6):833-8, American Chemical Society, US	
		BLOOMFIELD, "Condensation of DNA by Multivalent Cations: Considerations on Mechanism", Biopolymers, 1991 Nov;31(13):1471-81, John Wiley & Sons Incorporated, US	
		BLOOMFIELD, "DNA condensation", Curr Opin Struct Biol, 1996 Jun;8(3):334-41, Current Biology Ltd., GB	
		FERDOUS et al., "Comb-Type Copolymer: Stabilization of Triplex DNA and Possible Application in Antigenic Strategy", J Pharm Sci, 1998 Nov;87(11):1400-5, American Pharmaceutical Association, US	
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		FERDOUS et al., "Poly(L-lysine)-graft-dextran copolymer is a novel stabilizer of triplex DNA(B): potassium-insensitive triplex formation", Nucleic Acids Symp Ser, 1997;37:301-2, Oxford University Press, GB	
		FERDOUS et al., "Relative Effects of Graft Copolymer and Polyamines on Triplex Stabilization Under Physiological Conditions", Nucleosides Nucleotides, 1999 Jun-Jul;18(6-7):1651-3, Marcel Dekker Incorporated, US	
		KIM et al., "Acceleration of DNA strand exchange by polycation comb-type copolymer", Nucleic Acids Symp Ser, 1999;42:139-40, Oxford University Press, GB	
		KIM et al., "Comb-Type Cationic Copolymer Expedites DNA Strand Exchange while Stabilizing DNA Duplex", Chem Eur J, 2001 Jan 5;7(1):176-80, Wiley-VCH Verlag GmbH, DE	
		LUO et al., "Synthetic DNA delivery systems", Nat Biotechnol, 2000 Jan;18(1):33-7, Nature America Incorporated, US	
AC		MAJLESSI et al., "Advantages of 2'-O-methyl oligoribonucleotide probes for detecting RNA targets", Nucleic Acids Res, 1998 May 1;26(9):2224-9, Oxford University Press, GB	

Examiner Signature

Arun K. Chakrabarti

Date Considered

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First Named Inventor	BECKER
Group Art Unit	1648
Examiner Name	HILL, M.
Attorney Docket Number	GP123-02.UT

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
AC		MARUYAMA et al., "Characterization of Interpolyelectrolyte Complexes between Double-Stranded DNA and Polylysine Comb-Type Copolymers Having Hydrophilic Side Chains", Bloconjug Chem, 1998 Mar-Apr;9(2):292-9, American Chemical Society, US
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		MARUYAMA et al., "Nanoparticle DNA Carrier with Poly(L-lysine) Grafted Polysaccharide Copolymer and Poly(D,L-lactic acid)", Bloconjug Chem, 1997 Sep-Oct;8(5):735-42, American Chemical Society, US
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		RENZ et al., "A colorimetric method for DNA hybridization", Nucleic Acids Res, 1984 Apr 25;12(8):3435-44, Oxford University Press, GB
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		TORIGOE et al., "Poly(L-lysine)-graft-dextran Copolymer Promotes Pyrimidine Motif Triplex DNA Formation at Physiological pH", J Biol Chem, 1999 Mar 5;274(10):6161-7, American Society for Biochemistry and Molecular Biology, US
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		TRUBETSKOY et al., "Layer-by-layer deposition of oppositely charged polyelectrolytes on the surface of condensed DNA particles", Nucleic Acids Res, 1999 Aug 1;27(15):3090-5, Oxford University Press, GB
AC		WAHL et al., "Efficient transfer of large DNA fragments from agarose gels to diazobenzylmethyl-paper and rapid hybridization by using dextran sulfate", Proc Natl Acad Sci USA, 1979 Aug;76(8):3683-7, National Academy Press, US

Examiner Signature

Arun Kr. Chakraborty

Date Considered

4/29/03

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